

WHAT IS CLAIMED IS:

1. A gasket capable of venting gas while preventing leakage of liquid, comprising:

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a liquid impermeable core having a first side and a second side opposite said first side;

a first outer layer connected to said first side; and

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a second outer layer connected to said second side of said core, wherein each of said first and said second outer layers is made of a gas permeable membrane.

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2. The gasket according to claim 1, wherein said core and said first and second outer layers are laminated together.

3. The gasket according to claim 1, wherein said core is made with a polyalkylene material.

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4. The gasket according to claim 3, wherein said polyalkylene material is made of polyethylene.

5. The gasket according to claim 1, wherein said gas permeable membrane is a fluoropolymer.

6. The gasket according to claim 5, wherein said
5 fluoropolymer is an expanded polytetrafluoroethylene membrane.

7. The gasket according to claim 1, wherein said core has a thickness about 0.015 inches to about 0.150 inches.

10 8. The gasket according to claim 1, wherein each of said first and second outer layers has a thickness about 0.001 inches to about 0.050 inches.

9. The gasket according to claim 1, wherein said gasket
15 has an overall thickness about 0.017 inches to about 0.25 inches.

10. The gasket according to claim 1, wherein said gasket is installed in a closure fitting without using an orientation
20 device.

11. The gasket according to claim 1, wherein said gasket is installed in a positive pressure generating system.

12. A method of venting gas from a positive pressure
generating system in a package, comprising:

securing a closure fitting having a gasket according to
5 claim 1 about an opening of the package, wherein the gasket is
capable of venting gases while preventing liquid from leaking
therefrom.

13. The method of claim 12, wherein said gasket forms a
10 seal that enables gas to permeate through said first and/or
second outer layer and move tangentially out of the package.

14. The method of claim 12, wherein said closure fitting
is a spray mechanism.

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15. The method of claim 12, wherein said spray mechanism
is selected from a group consisting of a trigger spray and a
finger pump.

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16. A method of sealing an opening in a package,
comprising:

securing a closure fitting having a gasket according to
claim 1 about an opening of the package.